

PAT-NO: JP361031755A
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TITLE: APPARATUS FOR COLTROLLING SPEED
CHANGE RATIO OF TOROIDAL
TYPE NON-STAGE TRANSMISSION
PUBN-DATE: February 14, 1986

INVENTOR-INFORMATION:

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ABSTRACT:

PURPOSE: To control accurately speed change ratio by correcting non-linear relationship between the inclination of a power roller and the speed change ratio with a desired inclination or the signal of an inclination detector in a toroidal type non-stage transmission.

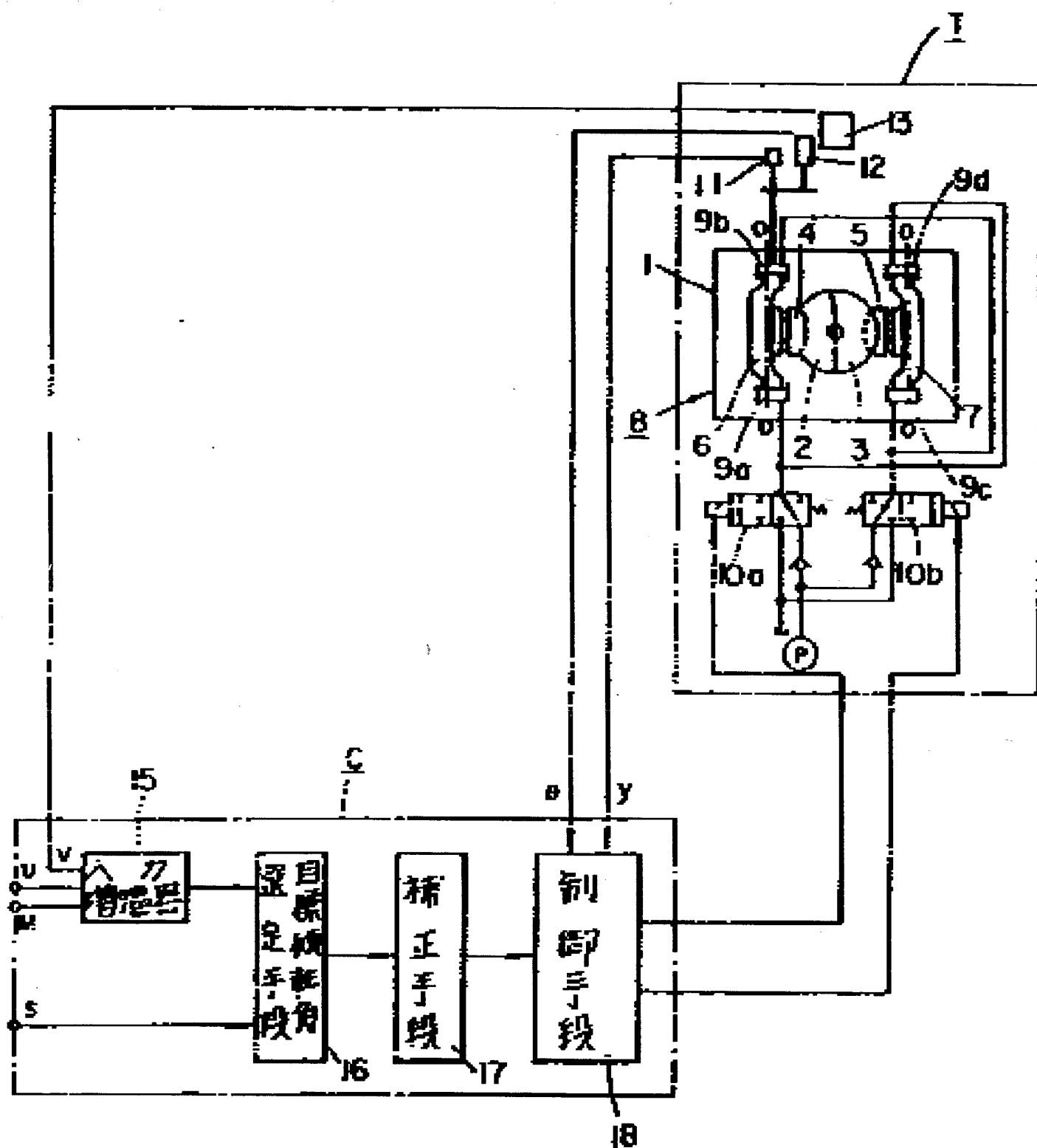
CONSTITUTION: A desired inclination E_r is corrected to linearize an actual inclination θ ; and the speed change ratio R by an inclination detector 12

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for detecting the inclination θ ; of a power roller 4
of a trunion 6 in a
toroidal type non-stage transmission T and a control unit C
so that the speed
change ratio R of said transmission T follows up accurately
a predetermined
speed change ratio based upon throttle opening, economic
power mode and shift
position detection signal. Thus, load torque in the rotary
input side can be
prevented from fluctuation.

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